

OM protein - protein search, using sw model  
Run on: September 27, 2001, 16:37:42 ; search time 21.67 Seconds  
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Db 33 AGNFDSEERSSWYGRLSRQEAVALLQGORDGVFLVRDSSSTSPGDYVLSSENSRVSHYI 92  
 Qy 65 INSSGRPPVPPSPQAOPPCGVSPSLRGQDFEFSLPALEFYKHYLDTTILEPVAR 124  
 Db 93 INSSGRPPVPPSPQAOPPCGVSPSLRGQDFEFSLPALEFYKHYLDTTILEPVAR 152  
 Qy 125 RQGSVILRQEAEVRALEDFNGNDEEDLPFKKGDLIRDRKPEEQWNADESEGKRM 212  
 Db 153 RQGSVILRQEAEVRALEDFNGNDEEDLPFKKGDLIRDRKPEEQWNADESEGKRM 212  
 Qy 185 IPVYVYKRPASASYSALIGGNQEGSHQPLGGRSLG 223  
 Db 213 IPVYVYKRPASASYSALIGGNQEGSHQPLGGRSLG 251

RESULT 2  
 US-08-167-035-4  
 ; Sequence 4, Application US/08167035  
 ; Patent No. 5618691  
 GENERAL INFORMATION:  
 APPLICANT: Schlesinger, Joseph  
 APPLICANT: Skolnick, Edward Y.  
 APPLICANT: Margolis, Benjamin L.  
 TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES AND NOVEL TARGET PROTEINS  
 NUMBER OF SEQUENCES: 50  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 1155 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: 10036-2711  
 ZIP: 10036-2711  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/167, 035  
 FILING DATE: 16-DEC-1993  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Coruzzi, Laura A.  
 REGISTRATION NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7683-063  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-9741/8864  
 TELEX: 66141 PENNIE  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 256 amino acids  
 TOPology: unknown  
 TYPE: amino acid  
 MOLECULE TYPE: protein  
 US-08-167-035-4

Query Match 66.7%; Score 1129; DB 1; Length 256;  
 Best Local Similarity 98.2%; Pred. No. 3.1e-94; Length 256;  
 Matches 215; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 33 AGNFDSEERSSWYGRLSRQEAVALLQGORDGVFLVRDSSSTSPGDYVLSSENSRVSHYI 92  
 Qy 5 AGNFDSEERSSWYGRLSRQEAVALLQGORDGVFLVRDSSSTSPGDYVLSSENSRVSHYI 64  
 Db 33 AGNFDSEERSSWYGRLSRQEAVALLQGORDGVFLVRDSSSTSPGDYVLSSENSRVSHYI 92  
 Qy 65 INSSGRPPVPPSPQAOPPCGVSPSLRGQDFEFSLPALEFYKHYLDTTILEPVAR 124  
 Db 93 INSSGRPPVPPSPQAOPPCGVSPSLRGQDFEFSLPALEFYKHYLDTTILEPVAR 152  
 Qy 125 RQGSVILRQEAEVRALEDFNGNDEEDLPFKKGDLIRDRKPEEQWNADESEGKRM 184  
 Db 153 RQGSVILRQEAEVRALEDFNGNDEEDLPFKKGDLIRDRKPEEQWNADESEGKRM 212  
 Qy 185 IPVYVYKRPASASYSALIGGNQEGSHQPLGGRSLG 223  
 Db 213 IPVYVYKRPASASYSALIGGNQEGSHQPLGGRSLG 251

RESULT 3  
 US-08-208-887A-4  
 ; Sequence 4, Application US/08208887A  
 ; Patent No. 5677421  
 GENERAL INFORMATION:  
 APPLICANT: Schlesinger, Joseph  
 APPLICANT: Skolnick, Edward Y.  
 APPLICANT: Margolis, Benjamin L.  
 TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES AND NOVEL TARGET PROTEINS  
 NUMBER OF SEQUENCES: 51  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 1155 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: 10036-2711  
 ZIP: 10036-2711  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/208, 887A  
 FILING DATE: 11-MAR-1994  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Coruzzi, Laura A.  
 REGISTRATION NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7683-063  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-9741/8864  
 TELEX: 66141 PENNIE  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 256 amino acids  
 TOPology: unknown  
 TYPE: amino acid  
 MOLECULE TYPE: protein  
 US-08-208-887A-4

Query Match 66.7%; Score 1129; DB 1; Length 256;  
 Best Local Similarity 98.2%; Pred. No. 3.1e-94; Length 256;  
 Matches 215; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 33 AGNFDSEERSSWYGRLSRQEAVALLQGORDGVFLVRDSSSTSPGDYVLSSENSRVSHYI 92  
 Qy 65 INSSGRPPVPPSPQAOPPCGVSPSLRGQDFEFSLPALEFYKHYLDTTILEPVAR 124  
 Db 93 INSSGRPPVPPSPQAOPPCGVSPSLRGQDFEFSLPALEFYKHYLDTTILEPVAR 152  
 Qy 125 RQGSVILRQEAEVRALEDFNGNDEEDLPFKKGDLIRDRKPEEQWNADESEGKRM 184  
 Db 153 RQGSVILRQEAEVRALEDFNGNDEEDLPFKKGDLIRDRKPEEQWNADESEGKRM 212  
 Qy 185 IPVYVYKRPASASYSALIGGNQEGSHQPLGGRSLG 223  
 Db 213 IPVYVYKRPASASYSALIGGNQEGSHQPLGGRSLG 251

RESULT 4  
 Sequence 4, Application US/08539005  
 GENERAL INFORMATION:  
 Patent No. 5838686  
 APPLICANT: Schlessinger, Joseph  
 APPLICANT: Skolnick, Edward Y.  
 APPLICANT: Margolis, Benjamin L.  
 TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES AND NOVEL TARGET PROTEINS  
 NUMBER OF SEQUENCES: 50  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 1155 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: 10036-2711  
 ZIP: 10036-2711  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US 08/167,035  
 FILING DATE: 16-DEC-1993  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Coruzzi, Laura A.  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/08539,005  
 FILING DATE: 4-OCT-1995  
 CLASSIFICATION: 435  
 REGISTRATION NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7683-062  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-9741/8864  
 TELEX: 66141 PENNIE  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 256 amino acids  
 TYPE: amino acid  
 TOPOLOGY: unknown  
 MOLECULE TYPE: protein  
 US-08-539-005-4  
 Query Match 66.7%; Score 1129; DB 2; Length 256;  
 Best Local Similarity 98.2%; Pred. No. 3.1e-94; Indels 0; Gaps 0;  
 Matches 215; Conservative 0; Mismatches 17; Mismatches 30; Indels 1; Gaps 1  
 QY 5 AGNFDFSEERSSWWGRLSRQEAVALLQCRHGFVLVRSSTS PGDYVLSVSENRVSHI 64  
 QY 5 AGNFDFSEERSSWWGRLSRQEAVALLQCRHGFVLVRSSTS PGDYVLSVSENRVSHI 92  
 Db 33 AGNFDFSEERSSWWGRLSRQEAVALLQCRHGFVLVRSSTS PGDYVLSVSENRVSHI 92  
 QY 65 INSSGPRPPVPPSPAQPPGVPSRLRTGDQEDDSLPALEFYKIHYDTTLIEPAR 124  
 Db 33 AGNFDFSEERSSWWGRLSRQEAVALLQCRHGFVLVRSSTS PGDYVLSVSENRVSHI 92  
 QY 65 INSSGPRPPVPPSPAQPPGVPSRLRTGDQEDDSLPALEFYKIHYDTTLIEPAR 124  
 Db 93 INSSGPRPPVPPSPAQPPGVPSRLRTGDQEDDSLPALEFYKIHYDTTLIEPAR 152  
 QY 124 SRQSGVILRQEEAEYVRAFLDFENGDEEDLPFKKGDLIRKPEEWNNAEDSEGKRG 183  
 Db 153 ROQSGVILRQEEAEYVRAFLDFNGNDDEEDLPFKKGDLIRKPEEWNNAEDSEGKRG 212  
 QY 185 IPVYVYERPKPASVSYSLLIGGNGEGSHHQPLGGPEFGP 223  
 Db 213 IPVYVYERPKPASVSYSLLIGGNGEGSHHQPLGGRSLG 251  
 RESULT 5  
 Sequence 39, Application US/08167035  
 GENERAL INFORMATION:  
 Patent No. 5677421  
 APPLICANT: Schlessinger, Joseph  
 APPLICANT: Skolnick, Edward Y.  
 APPLICANT: Margolis, Benjamin L.  
 TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES AND NOVEL TARGET PROTEINS  
 NUMBER OF SEQUENCES: 50  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 1155 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: 10036-2711  
 ZIP: 10036-2711  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US 08/167,035  
 FILING DATE: 16-DEC-1993  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Coruzzi, Laura A.  
 REGISTRATION NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7683-062  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-9741/8864  
 TELEX: 66141 PENNIE  
 INFORMATION FOR SEQ ID NO: 39:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 236 amino acids  
 TYPE: amino acid  
 TOPOLOGY: unknown  
 MOLECULE TYPE: protein  
 US-08-167-035-39  
 Query Match 47.7%; Score 807.5; DB 1; Length 236;  
 Best Local Similarity 76.4%; Pred. No. 2.7e-65; Indels 1; Gaps 1; Mismatches 30; Indels 1; Gaps 1  
 Matches 155; Conservative 17; Mismatches 30; Indels 1; Gaps 1  
 QY 5 AGNFDFSEERSSWWGRLSRQEAVALLQCRHGFVLVRSSTS PGDYVLSVSENRVSHI 64  
 QY 5 AGNFDFSEERSSWWGRLSRQEAVALLQCRHGFVLVRSSTS PGDYVLSVSENRVSHI 92  
 Db 33 AGNFDFSEERSSWWGRLSRQEAVALLQCRHGFVLVRSSTS PGDYVLSVSENRVSHI 92  
 QY 65 INSSGPRPPVPPSPAQPPGVPSRLRTGDQEDDSLPALEFYKIHYDTTLIEPAR 124  
 Db 93 INSSGPRPPVPPSPAQPPGVPSRLRTGDQEDDSLPALEFYKIHYDTTLIEPAR 152  
 QY 124 SRQSGVILRQEEAEYVRAFLDFENGDEEDLPFKKGDLIRKPEEWNNAEDSEGKRG 183  
 Db 153 SRQSGVILRQEEAEYVRAFLDFNGNDDEEDLPFKKGDLIRKPEEWNNAEDSEGKRG 212  
 QY 184 MPVYVYERPKPASVSYSLLIGGNGEGSHHQPLGGPEFGP 206  
 Db 213 MPVYVYERPKPASVSYSLLIGGNGEGSHHQPLGGRSLG 235  
 RESULT 6  
 Sequence 39, Application US/08208887A  
 GENERAL INFORMATION:  
 Patent No. 5677421  
 APPLICANT: Schlessinger, Joseph  
 APPLICANT: Skolnick, Edward Y.  
 APPLICANT: Margolis, Benjamin L.  
 TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES AND NOVEL TARGET PROTEINS

TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
 TITLE OF INVENTION: KINASES AND NOVEL TARGET PROTEINS  
 NUMBER OF SEQUENCES: 51  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 115 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: 10036-2711  
 ZIP: 10036-2711  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/208,887A  
 FILING DATE: 11-MAR-1994  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Coruzzi, Laura A.  
 REFERENCE/DOCKET NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7683-063  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEX: 66141 PENNIE 4884  
 INFORMATION FOR SEQ ID NO: 39:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 236 amino acids  
 TOPOLogy: unknown  
 MOLECULE TYPE: protein  
 8-208-887A-39

Query Match 47.7%; Score 807.5; DB 1; Length 236;  
 Best Local Similarity 76.4%; Pred. No. 2.7e-65; Gaps 1;  
 Matches 155; Conservative 17; Mismatches 30; Indels 1; Gaps 1;

5 AGNFDSEBSRSSYWWGRLSROAVALLQGORHGVFLVRSSTSSTSPGIVYVSENSRVSYI 64  
 33 AGQEDSDRGSGWYWWGLSRGSDDAVSLIQGQRHGVFLVRSGSIPDFVLSSESRVSYI 92  
 65 INSSGRPPPVPSPAQP-PGCVSPSRPLRQDDEPSPALLEFKRKHVIDTTLIEPAR 123  
 93 VNSLGGAGGRGRRAGGECPGAPGLNPTRFLGDQVFLSPSLFEEFYKIHLDITLIEPVS 152  
 124 SRQGSGYLREEAVERALFDENGNDDELPFKKGDLIRDRPEQEWNADESEGKRG 183  
 153 SRQNSGYLVRQBEVEYVRALEDFDKNGDDLGPKKGDLIKRDKEEOWNAEDMGKRG 212  
 184 MTPVPVKEVKPASASVSLIGG 206  
 213 MTPVPVKEVKCRSSASVSLIGG 235

RESULT 8  
 US 08-167-035-25  
 Sequence 25, Application US/08167035  
 Patent No. 5618691

GENERAL INFORMATION:  
 APPLICANT: Schlessinger, Joseph  
 APPLICANT: Skolnick, Edward Y.  
 APPLICANT: Margolis, Benjamin L.  
 TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR  
 TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE  
 NUMBER OF SEQUENCES: 50  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 115 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: 10036-2711  
 ZIP: 10036-2711

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatientIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/167,035  
 FILING DATE: 16-DEC-1993  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Coruzzi, Laura A.  
 REGISTRATION NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7683-062  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 869-9090  
 TELEX: (212) 869-9741/8864  
 FAX: 66141 PENNIE  
 INFORMATION FOR SEQ ID NO: 25:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 107 amino acids  
 TOPOLGY: unknown  
 MOLECULE TYPE: protein  
 US-08-167-035-25

Query Match 22.9%; Score 387.5; DB 1; Length 107;  
 Best Local Similarity 71.0%; Pred. No. 6.4e-28;  
 Matches 76; Conservative 10; Mismatches 20; Indels 1; Gaps 1;

Qy 16 WYWGRLSRQEAVALLOGQRGKVFLVRDSSSTPGYVFLVSNSRVSRYHYNSSGPRPPV 75  
 Db 1 WYWGRLSRQGAVLQGKQGRTFLVRDSSSTPGYVFLVSSESSRVSHYIVNSLGPAGRR 60

Qy 76 PSPAQPPGQVSPSRKIGDQEFDSLPALEFYKHYLDTTILEPV 121  
 Db 61 AGGEGPFPAGNTPTRFLIGDNFDSSLPSLEFYKHYLDTTILEPV 107

RESULT 10  
 US-08-479-078-24

; Sequence 24, Application US/08479078  
 ; Patent No. 5814466

GENERAL INFORMATION:  
 APPLICANT: Pawson, Anthony  
 TITLE OF INVENTION: Method for Assaying for a Substance that  
 Affects an SH2-Phosphorylated Ligand Regulatory System  
 NUMBER OF SEQUENCES: 27  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Berestkin & Parr  
 STREET: 40 King Street, West  
 CITY: Toronto  
 STATE: Ontario  
 COUNTRY: Canada  
 ZIP: M5H 3Y2

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatientIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/479,078  
 FILING DATE: June 6, 1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Linda M. Kurdydk  
 REGISTRATION NUMBER: 34,971  
 REFERENCE/DOCKET NUMBER: 3153-154  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (416) 364-7311  
 TELEFAX: (416) 361-1398  
 INFORMATION FOR SEQ ID NO: 24:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 107 amino acids  
 TOPOLGY: amino acid  
 STRANDEDNESS: not relevant  
 MOLECULE TYPE: peptide  
 US-08-479-078-24

Query Match 22.9%; Score 387.5; DB 2; Length 107;  
 Best Local Similarity 71.0%; Pred. No. 6.4e-28;  
 Matches 76; Conservative 10; Mismatches 20; Indels 1; Gaps 1;

Qy 16 WYWGRLSRQEAVALLOGQRGKVFLVRDSSSTPGYVFLVSNSRVSRYHYNSSGPRPPV 75  
 Db 1 WYWGRLSRGDAVSLQGQRHGTFLVRDSSSTPGYVFLVSSESSRVSHYIVNSLGPAGRR 60

Qy 76 PSPAQP-PPGVSPSRURIGQDEFDSLPALEFYKIHYLDTTILEPV 121  
 US-08 539-005-25  
 Sequence 25; Application US/08539005  
 Db 61 AGGEGPGAGPLNPTRLIGDNVFDLSPSLLEFYKIHYLDTTILEPV 107

RESULT 11  
 GENERAL INFORMATION:  
 APPLICANT: Schlesinger, Joseph  
 APPLICANT: Skonick, Edward Y.  
 APPLICANT: Margolis, Benjamin L.  
 TITLE OF INVENTION: NOVEL EXPRESSION CLONING METHOD FOR IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES AND NOVEL TARGET PROTEINS  
 NUMBER OF SEQUENCES: 50  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 1155 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: USA  
 ZIP: 10036-2711

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, version #1.30

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/539,005  
 FILING DATE: 4-OCT-1995  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/167,035  
 FILING DATE: 16-DEC-1993  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Goruzzi, Laura A.  
 REGISTRATION NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7683-062

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-9741/8864  
 TELIX: 66141 PENNIE

SEQUENCE CHARACTERISTICS:  
 LENGTH: 107 amino acids  
 TYPE: amino acid  
 TOPOLOGY: unknown  
 MOLECULE TYPE: protein  
 US-08-539-005-25

Query Match 22.9%; Score 387.5; DB 2; Length 107;  
 Best Local Similarity 71.0%; Pred. No. 6.4e-28; Mismatches 10; Matches 76; Conservative 10; Indels 1; Gaps 1;

Qy 16 WYWGRLSRQEAVALLQQRQHGVFLYRDGSISPGDFVLVSSESSRVSHYTIVNSLGPGAGR 75  
 Db 1 WYWGRLSRQHGVFLYRDGSISPGDFVLVSSESSRVSHYTIVNSLGPGAGR 60

Query Match 20.6%; Score 348.5; DB 1; Length 89;  
 Best Local Similarity 66.0%; Pred. No. 1.6e-4; Mismatches 8; Matches 70; Conservative 66.0%; Indels 11; Gaps 1; Gaps 1;

Qy 16 WYWGRLSRQEAVALLQQRQHGVFLYRDGSISPGDFVLVSSESSRVSHYTIVNSLGPGAGR 75  
 Db 1 WYWGRLSRQHGVFLYRDGSISPGDFVLVSSESSRVSHYTIVNSLGPGAGR 55

RESULT 13  
 US-08-446-010B-23  
 ; sequence 23; Application US/08446010B  
 ; Patent No. 5716818  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wilks, Andrew F.; Ziemiczki, Andrew;  
 ; APPLICANT: Harpur, Ailsa  
 ; TITLE OF INVENTION: No. 5716818e1 Protein Tyrosine Kinase  
 ; NUMBER OF SEQUENCES: 25  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Feife & Lynch  
 ; STREET: 805 Third Avenue  
 ; CITY: New York City  
 ; STATE: New York

RESULT 12  
 US-08-446-038B-23  
 ; Sequence 23; Application US/08446038B  
 ; Patent No. 558791  
 ; GENERAL INFORMATION:

COUNTRY: USA  
 ZIP: 10022  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Disquette, 3.5 inch, 360 kb storage  
 COMPUTER: IBM PS/2  
 OPERATING SYSTEM: PC-DOS  
 SOFTWARE: Wordperfect  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/446,010B  
 FILING DATE: 19-May-1995  
 CLASSIFICATION: 433  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/446,038  
 FILING DATE: 19-May-1995  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/064,067  
 FILING DATE: 30-Jun-1993  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US91/08889  
 FILING DATE: 26-No. 5116818-1991  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: Australian PK3594/90  
 FILING DATE: 28-No. 5116818-1990  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: Australian 88229/91  
 FILING DATE: 27-No. 5116818-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Baer, Madeline F.  
 REGISTRATION NUMBER: 36,437  
 REFERENCE/DOCKET NUMBER: LUD 5244.3  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 212-688-9200  
 TELEFAX: 212-838-3884  
 INFORMATION FOR SEQ ID NO: 23:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 89 amino acids  
 TYPE: amino acid  
 TOPLOG: linear  
 US-08-446-010B-23

Query Match 20.6%; Score 348.5; DB 1; Length 89;  
 Best Local Similarity 66.0%; Pred. No. 1.6e-24;  
 Matches 70; Conservative 8; Mismatches 11; Indels 17; Gaps 1;

Qy 16 WYWGRLSRQEAVALLQGQRHGFLVRDSTS PGDVYI VLSVSENSRSHYTINSSGPRPPV 75  
 Db 1 WYWGRLSRSGDAVSLQGQRHGFLVRDGSIPGDVYI VLSVSENSRSHYTIVNSLG----- 54

RESULT 14  
 US-08-445-23  
 Sequence 23, Application US/08805445  
 Patent No. 5821069  
 GENERAL INFORMATION:  
 APPLICANT: Wilks, Andrew F.; Ziemiczki, Andrew;  
 APPLICANT: Harper, Ailsa  
 TITLE OF INVENTION: No. 5821069el Protein Tyrosine Kinase  
 NUMBER OF SEQUENCES: 23  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Felfe & Lynch  
 STREET: 805 Third Avenue  
 CITY: New York City  
 STATE: New York  
 COUNTRY: USA  
 ZIP: 10022

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Disquette, 3.5 inch, 360 kb storage  
 COMPUTER: IBM PS/2  
 OPERATING SYSTEM: PC-DOS  
 SOFTWARE: Wordperfect  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/064,067D  
 FILING DATE: 30-Jun-1993  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US91/08889

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OPERATING SYSTEM: PC-DOS  
 SOFTWARE: Wordperfect  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US 08/446,038  
 FILING DATE: 19-MAY-1995  
 APPLICATION NUMBER: -08/064,067  
 FILING DATE: 30-Jun-1993  
 APPLICATION NUMBER: PCT/US91/08889  
 FILING DATE: 26-No. 5821069-1991  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: Australian PK3594/90  
 FILING DATE: 28-No. 5821069-1990  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: Australian 88229/91  
 FILING DATE: 27-No. 5821069-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Hanson, No. 5821069man D.  
 REGISTRATION NUMBER: 30,946  
 REFERENCE/DOCKET NUMBER: LUD 5244  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 212-688-9200  
 TELEFAX: 212-838-3884  
 INFORMATION FOR SEQ ID NO: 23:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 89 amino acids  
 TYPE: amino acid  
 TOPLOG: linear  
 US-08-805-445-23

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 Best Local Similarity 66.0%; Pred. No. 1.6e-24;  
 Matches 70; Conservative 8; Mismatches 11; Indels 17; Gaps 1;

Qy 16 WYWGRLSRQEAVALLQGQRHGFLVRDSTS PGDVYI VLSVSENSRSHYTINSSGPRPPV 75  
 Db 1 WYWGRLSRSGDAVSLQGQRHGFLVRDGSIPGDVYI VLSVSENSRSHYTIVNSLG----- 54

RESULT 15  
 US-08-064-067D-23  
 Sequence 23, Application US/08064067D  
 Patent No. 5852184  
 GENERAL INFORMATION:  
 APPLICANT: Wilks, Andrew F.; Ziemiczki, Andrew;  
 APPLICANT: Harper, Ailsa  
 TITLE OF INVENTION: No. 5852184el Protein Tyrosine Kinase  
 NUMBER OF SEQUENCES: 23  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Felfe & Lynch  
 STREET: 805 Third Avenue  
 CITY: New York City  
 STATE: New York  
 COUNTRY: USA  
 ZIP: 10022

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Disquette, 3.5 inch, 360 kb storage  
 COMPUTER: IBM PS/2  
 OPERATING SYSTEM: PC-DOS  
 SOFTWARE: Wordperfect  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/064,067D  
 FILING DATE: 30-Jun-1993  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US91/08889

FILING DATE: 26-No. 5852184-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: Australian PK3594/90  
FILING DATE: 28-No. 5852184-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: Australian 88229/91  
FILING DATE: 27-No. 5852184-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Hahn, N. 5852184man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5244  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-688-9200  
TELEFAX: 212-838-3884  
SEQUENCE CHARACTERISTICS:  
LENGTH: 89 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
US-08-064-067D-23

Query Match 20.6%; Score 348.5; DB 2; Length 89;  
Best Local Similarity 66.0%; Pred. No. 1.6e-24;  
Matches 70; Conservative 8; Mismatches 11; Indels 17; Gaps 1;  
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Db 1 WIWGRRLSRGDAVSLLQGQRHGTFLVRDSGSIPGRVLSSESSRVSHYIVNSLG----- 54  
Qy 76 PSPAQQLPPGVPSRLRIGDQEFDSUPALLEFYKIHLDYTTLIPV 121  
Db 55 -----PAGRRAGBFDSDLPLSLEFYKIHLDYTTLIPV 89

Search completed: September 27, 2001, 16:41:50  
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